

WYANDOTTE POLYOL INCIDENT REPORT

4/17/92

US EPA RECORDS CENTER REGION 5



487394

ENVIRONMENTAL

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Date</u> <u>Written</u>	<u>Issued</u>
02/11/89	TDI T/C leak	01/14/89	WDB	03/28/89	03/28/89
03/28/89	Low pH H <sub>2</sub> O pumped to city sewer.	03/31/89	JS(EPO)	04/04/89	-
04/25/89	burst flange gasket on a glycerine transfer line	04/28/89	MSB	04/26/89	05/01/89
04/19/89	TDA T/C spill	04/22/89	MSB	05/15/89	
05/22/89	ACN spill	05/25/89	RBP	05/25/89	05/25/89
07/12/89	BOD <sub>5</sub>	07/17/89	WDB	08/02/89	08/03/89
08/03/89	Exceeded BOD <sub>5</sub>	08/06/89	PJG	08/11/89	08/15/89
08/09/89	Overcharged N <sub>2</sub>	08/12/89	TNH	08/08/89	08/14/89
10/17/89	River water outfall	10/20/89	MSB	10/25/89	10/25/89
11/09/89	Mercaptan spill(10 gal)	11/12/90	WDB	12/04/89	12/05/89
11/12/89	ACN sight glass leak	11/16/89	MSB	12/01/89	12/03/89
11/13/89	ACN leak	11/15/89	MSB	11/28/89	11/28/89
11/25/89	PO spill(drops)	11/28/89	MSB	12/28/89	12/28/89
02/89	P-973 spill	12/05/89	WDB	12/04/89	12/06/89
04/05/90	Sm.spill P-1103-rupt.hose	04/08/90	DHE	04/11/90	04/11/90
03/09/90	Rupture disc blew	03/09/90	TNH EPO	03/16/90	03/16/90
03/13/90	ACN T/C unloading line leak	03/13/90	AJS	03/26/90	03/27/90
04/05/90	Rupture transfer hose-graft	04/08/90	DNE	04/11/90	04/11/90
05/07/90	TDA spill thru bleed valve	05/07/90	AJS	05/23/90	05/23/90
05/12/90	TDI spill to pad	05/12/90	AJS	05/23/90	05/23/90
05/09/90	EO Safety valve-relieved	05/11/90	AJS	05/23/90	05/23/90
05/18/90	Unloading valve on the tank truck seized open	06/18/90	AJS	06/18/90	06/19/90
05/25/90	Rupt.disc leak-corroded	05/28/90	TNH EPO	05/30/90	05/30/90
06/05/90	TDI spilled during tank Truck unloading	06/12/90	AJS	06/12/90	06/13/90
06/06/90	Butane escaped thru vent	06/10/90	TNH EPO	06/29/90	06/29/90
06/20/90	Mixed flammable leak	06/20/90	DHE	08/28/90	08/28/90
06/26/90	ACN sight glass leak	06/30/90	TGG	06/30/90	07/10/90
06/28/90	PO release to atmosphere	06/30/90	TGG	06/30/90	07/10/90
08/01/90	P-952 spill	08/01/90	AJS	08/07/90	08/08/90
09/21/90	P-973 spill	09/21/90	AJS	10/05/90	10/06/90
11/20/90	small PO leak	11/20/90	RBP	11/21/90	11/22/90
01/17/91	WGF-300 spill	01/17/91	AJS	01/18/91	01/18/91
01/30/91	PO Storage Tank Leak	01/30/91	AJS	02/13/91	02/14/91
02/01/91	P-736 spill	02/01/91	AJS	02/15/91	02/16/91
02/02/91	P-440 spill	02/02/91	AJS	02/10/91	02/10/91
04/19/91	P-1103 spilled while being loaded	03/13/91	AJS	03/15/91	03/15/91
04/17/91	Overfilled off-gas collection tank	04/17/91	TNH EPO	04/18/91	04/18/91
04/19/91	P-1103 spill (15 KLBS.)	04/19/91	AJS	04/19/91	04/19/91
06/15/91	Overflowed drumming trailer P-1168 (200 Gal.)	06/15/91	RBP	07/18/91	07/19/91
08/19/91	Nitric Acid spill-15 gal.	08/19/91	MSB EPO	08/23/91	08/24/91
09/23/91	P-1197 spill while transferring material from one tank car to another	09/23/91	AJS	09/23/91	09/24/92
07/15/91	2 5-gal. haz. waste pails	07/15/91	DE	10/01/91	10/01/91

WYANDOTTE POLYOL INCIDENT REPORT1/8/92ENVIRONMENTAL CONT.

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Date</u> <u>Written</u>	<u>Date</u> <u>Issued</u>
10/09/91	BP Chemical railcar had leak from bottom valve	10/09/91	AJS	10/14/91	10/15/91
11/02/91	Excess N2 was introduced into TK101B (EO tank)	11/02/91	TL	11/08/91	11/09/91
11/02/91	Incorrect pressure gauge caused the East PSV on the tank to lift	11/02/91	TL	11/12/91	11/12/91
11/07/91	Butane was released when the automatic block valve on the nitrogen supply line failed to closed	11/07/91	MS EPO	11/18/91	11/19/91
12/13/91	While unloading railcar of TDI Type 1, a leak was discovered	12/13/91	TL	12/20/91	12/21/91
05/92	5 gal. P-628 lost from tank car	04/05/92	TL	04/07/92	04/08/92

HYGIENE INCIDENT

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Written</u>	<u>Issued</u>
08/18/89	EO LEAK	08/21/89	DHE	11/01/89	11/03/89
11/08/89	ACN SKIN EXPOSURE	11/11/89	MSB	11/13/89	11/20/89
04/15/91	OBTAINED SAMPLE WITHOUT WEARING PROPER EQUIP	04/15/91	RBP	04/23/91	04/24/91

PRODUCTION

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Written</u>	<u>Issued</u>
12/89	Vazo-bacbone sys. inadequate checkout.	01/17/89	PJG	01/19/89	01/22/89
01/14/89	Discolored batch P-1062	01/19/89	PJG	01/19/89	01/20/89
03/30/89	Neopolen P 9010 - low bulk density	04/02/89	JAS EPO	04/06/89	04/16/89
08/18/89	Impreg. Ves.-rupt. disc	08/21/89	JAS EPO	08/21/89	08/22/89
11/06/89	Density 115 g/l (lack N <sub>2</sub> )	11/09/89	JAS EPO	11/06/89	11/10/89
02/24/90	Jumper line reconnected wrong(cross contamination)	02/24/90	AJS	04/04/90	04/06/90
08/21/91	A manual valve was installed without open/closed stops	08/21/91	TKS EPO	08/05/91	08/06/91
01/21/92	Approx. 220 lbs. mini-pellet spilled due to plastic sleeve missing	01/21/92	TKS EPO	02/04/92	02/05/92
03/04/92	Batch of P-9030 scrapped due to operator error.	03/04/92	TKS EPO	03/24/92	03/25/92

WYANDOTTE POLYOL INCIDENT REPORT1/8/92

		<u>QUALITY</u>			
<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Date</u> <u>Written</u>	<u>Date</u> <u>Issued</u>
02/08/89	Hi Visc. P-637 in #9 Flash	02/13/89	PJG	02/21/89	02/27/89
03/28/89	Overloading of the Foxboro I/A Control Processors	04/02/89	JAS EPO	05/05/89	05/15/89
03/28/89	O/S batch P-240	03/31/89	PG	06/14/89	
03/30/89	Low blk dens.-Polyform	04/02/89	JAS EPO	04/06/89	04/07/89
08/25/89	Low CCR of P-9010	11/02/89	TNH EPO	11/15/89	11/20/89
04/16/90	Slight pink tint versus a water white specification	06/12/90	AJS	06/12/90	06/12/90
02/13/91	P-9030 batch ran down without high pressure nitrogen due to high temp. interlock on D-710	02/13/91	TNH EPO	03/05/91	03/04/91
05/14/91	Operator thought low level in TK-780 would cause problems during rundown (1 Batch P-9015 scrapped)	05/28/91	TKS EPO	05/28/91	05/28/91
06/91	A-710 kicked-off due to loose wire (1 Batch P-9030 scrapped)	06/06/91	TKS EPO	06/14/91	06/14/91
07/10/91	Low Hydroxyl number due to overcharge KOH to P-824	07/10/91	RBP	07/18/91	07/18/91
09/07/91	Overcharge of 45% KOH to #8 Initiator resulted in changing the reactor batch from a P-1127 to TP-2540	09/07/91	DHE	10/31/91	10/31/91
10/03/91	Sulfuric acid was added to a drum instead of phosphoric acid	10/03/91	DHE	10/14/91	10/15/91

SAFETY						
Date	Descriptive Title	Resp. Req.		Response	Written	Issued
		Date				
02/20/89	Fail. No. 7 Reac. eyewash	02/23/89	RBP		02/23/89	02/27/88
03/09/89	2 main.men hurt removing T/C safety valve.	03/09/89	MSB		03/17/89	03/21/89
04/01/89	Butane recycle line-valve	04/04/89	JAS	EPO	05/05/89	05/09/89
04/07/89	Hit head above eye while closing valve with "cheater" -sutures required	04/12/89	TH	EPO	In-progress	
11/23/89	Rubber boot on inlet CF-730 blew off cause of high pressure	11/23/89	TH	EPO	01/18/90	01/19/90
11/27/89	Contractor began to remove ductwork on transfer line without the line being tagged & locked	11/27/89	TH	EPO	01/18/90	01/29/90
05/05/89	Unloading nitric acid	05/08/89	JAS	EPO	05/08/89	05/09/89
05/22/89	Breakdown of river pump	05/26/89	MSB		07/26/89	07/27/89
06/07/89	Fire/#10 Reactor Pump	06/12/89	RBP		06/19/89	06/21/89
06/14/89	1st.Aid inj. N.D'Anna	06/14/89	MSB		06/19/89	06/23/89
07/19/89	Hot Work Permit-sniff	07/19/89	JAS	EPO	06/19/89	06/19/89
08/10/89	O <sub>2</sub> Anal. off scale	08/13/89	JAS	EPO	08/14/89	08/14/89
30/89	M.Knowles cut finger	11/03/89	JAS	EPO	10/31/89	11/02/89
13/89	High bulk density 37.9	11/16/89	JAS	EPO	11/29/89	12/01/89
11/20/89	J.Yoscovits fall ex lift	11/23/89	TNH	EPO	12/06/89	12/06/89
11/30/89	E.Hinson fract.finger	12/02/89	DHE		12/07/89	12/08/89
12/28/89	River wat.line locked out	12/31/89	JAS	EPO	01/10/90	11/11/90
01/03/90	2 isolation valves spt.body	01/06/90	JAS	EPO	01/10/90	01/14/90
05/02/90	Oper.strain muscle in arm	05/05/90	AJS		05/11/90	05/11/90
11/19/90	Loading ramp not raised after loading a trailer	11/19/90	AJS		11/21/90	11/22/90
04/13/91	Start-up of PO addition without adding 45% KOH catalyst	04/13/91	RBP		04/16/91	04/17/91
05/14/91	Small quantity of acid spilled on employee	05/14/91	RBP		06/03/91	06/03/91
05/31/91	Improper lock-out on nitrogen line	05/31/91	TKS	EPO	07/09/91	07/09/91
07/14/91	Operator sprayed with hotwater from flex hose connection	07/14/91	RBP		07/18/91	07/19/91
16/91	2 flammable vapor alarms were set off while venting No. 8 Reactor	07/16/91	RBP		07/18/91	07/19/91
08/30/91	An operator was tightening nuts on a manway cover with an open end wrench and bumped his hand	08/30/91	AJS		09/09/91	09/09/91
08/21/91	Production forgot to clear one red tag which left a bleed valve open	08/21/91	RBP		09/30/91	09/30/91
08/29/91	Chemical Handler was burned on his forehead while drumming hot product	08/29/91	AJS		09/09/91	09/09/91
09/16/91	A small PO leak occurred during the annual utility outage	09/16/91	RBP		10/01/91	01/02/91

SAFETY CONT.

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Written</u>	<u>Issued</u>
09/07/91	A cable was pulled out of the hoist junction box which kicked out the breaker	09/07/91	DHE	11/05/91	11/06/91
09/07/91	The lines were opened up to the scale tank and filled with EO before bubble checking No leaks occurred	09/07/91	RBP	12/06/91	12/06/91
09/20/91	EPO operator injuries left shin	09/20/91	TKS	09/20/91	09/21/92
10/20/91	EPO Operator's hair and eyebrow were singed from a momentary ignition	10/20/91	MSB EPO	11/05/91	11/06/91
11/07/91	Product transfer line was opened instead of vacuum line which popped the safety valve on #7 Flash	11/07/91	RBP	12/09/91	12/10/91
11/01/91	1 lb. of butane was release during rundown	11/01/91	JAS EPO	11/17/91	11/17/91
11/03/91	PO vapors were emitted from #7 Flash overflow line	11/03/91	RBP	11/25/91	11/25/91
12/05/91	#10 Flash pump leaked from pump seal	12/05/91	RBP	01/07/92	01/08/92
12/12/91	Operator cut finger while removing a packing air bag	12/12/91	AJS	01/06/92	01/07/92
01/31/92	Employee thumb struck pipe	01/31/92	TGG	01/31/92	01/31/92
02/11/92	Operator blew back unloading boom to car after sampling	02/11/92	TS	03/03/92	03/04/92
02/20/92	Plastic trapped under EPO Operator's eye	02/20/92	TKD EPO	03/18/92	03/18/92
03/19/92	Operator face struck with bag hook	03/19/92	RBP	04/01/92	04/03/92

EMERGENCY RESPONSE

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req.</u> <u>Date</u>	<u>Response</u>	<u>Written</u>	<u>Issued</u>
02/12/89	Overtured trk Future	02/14/89	MSB	03/14/89	03/14/89
10/09/89	ALLWASTE TANK WASH INC.	10/12/89	MSB	10/16/89	10/16/89
03/19/90	T/C TDI leak -GATX71028	03/19/90	WDB	05/08/90	05/08/90
06/05/90	T/C TDI leak -DBCX872(mt)	06/02/90	DHE	06/05/90	06/05/90
10/02/91	Manfredi driver sprayed with TDI while unloading a product	10/02/91	TL	11/12/91	11/12/92
10/07/91	Urethane Applications had a iso drum that was severely over-pressured	10/07/91	TL	11/13/91	11/13/91
10/08/91	The Wy. trackmobile reported a leak from the bottom of an ACN tank car	10/08/91	AJS	10/17/91	10/18/91

SHIPPING

<u>Date</u>	<u>Descriptive Title</u>	<u>Resp. Req. Date</u>	<u>Response</u>	<u>Date Written</u>	<u>Issued</u>
01/03/89	Temp.complaint - P1027	01/06/89	MSB	03/28/89	03/30/89
01/16/89	T/T of R-2060U -Temp.	01/19/89	MSB	01/27/89	01/31/89
02/09/89	T/T of P-824-Temp.	02/12/89	MSB	03/22/89	03/22/89
02/11/89	TDI leak from threads of 2" unloading vale on T/C	02/11/89	WDB	03/28/89	03/29/89
02/22/89	T/T of P0994-Temp.	02/25/89	MSB	03/27/89	03/27/89
03/03/89	T/C spill slop polyol	03/06/89	MSB	03/29/89	04/03/89
	Customer complained that last 6 shipments made were delivered & handled unsatisfactorily by Rogers Cartage	02/05/90	ML	02/05/90	02/07/90
01/10/90	PVC drumming hose was heated beyond maximum rated temp.	01/10/90	DHE	02/05/90	02/05/90
01/16/90	Cust. complained temp. of shipment was too low	01/30/90	ML	01/30/90	2/02/90
	Cust. complained about delay in loading	01/19/90	ML	01/19/90	01/19/90
01/29/90	Cust. complained that a T/T shipment of Poyol was shipped without 3" hose	02/09/90	ML	02/09/90	02/10/90
01/31/90	Cust. complained that shipment was made with dirty hoses, he could not open dome to check product temp., the temp. gauge on the T/T indicated the product was 50°F.	02/05/90	ML	02/05/90	02/07/90
02/05/90	Late shipment due to a two compartment trailer not be available	04/04/90	AJS	04/04/90	04/03/90
	Late shipment due to problems filtering product	02/13/90	ML	02/13/90	02/17/90
	Late shipment due to either not faxed or misplaced order	02/09/90	ML	02/09/90	02/10/90
	Customer complained that temp. was too low		ML	02/05/90	02/05/90
02/11/90	Late shipment due to bad weather conditions	02/16/90	ML	02/16/90	02/17/90
/23/90	Late shipment due to order transmittals & order recognition	05/17/90	AJS	05/17/90	05/27/90
02/23/90	Late shipment due to error in reading shipping date	02/23/90	ML	02/23/90	02/23/90
02/25/90	Late shipment due to frozen TDI	05/10/90	AJS	05/10/90	05/11/90
02/26/90	Late shipment due to lack of TDI inventory	05/01/90	AJS	05/01/90	05/02/90
02/26/90	Cust. complained that there was a density problem with the product that was shipped	03/30/90	ML	03/30/90	03/30/90